What is claimed is:

1. A gas scrubber comprising:

a burning chamber to treat the gas with heat,

a wetting chamber connected to the burning chamber which removes water soluble components contained in the gas in from the burning chamber,

an outlet which exhausts the gas that has been treated,

an insulation member placed in a space between an outer wall and an inner wall of said burning chamber to prevent release of heat,

a water supply pipe placed between the inner wall and the insulation member, one end of the water supply pipe being an inlet in which water flows in and the other end connected to the air supply pipe,

wherein water in said water supply pipe turns into steam and is led to the air supply pipe connected to the water supply pipe and released into the inside of the burning chamber along with air by the air supply pipe.